

Proper Overfill Application to Underground Storage Tanks by Delivery System

This table is to be used to design the proper overfill method to be used on underground storage tanks.

Delivery Method	Overfill Method		
	Ball Float Vent Valve	Drop Tube Shut Off	High Level Alarm
Pressurized Tight Fill Delivery (1)	<i>NO</i>	<i>NO</i>	OK
Gravity Feed to UST Systems with Pressurized Piping	OK	OK	OK
Gravity Feed to Suction UST Systems (2)	<i>NO</i>	OK	OK
“Stinger” Delivery (3)	<i>NO</i>	<i>NO</i>	OK
Dual Fill Delivery to Pressurized or Suction Piping UST Systems	<i>NO</i>	OK	OK

OK – This type of overfill works with this type of system

NO – This type of overfill will NOT work with this type of system

(1) - This method applies to pressurized delivery to AST's and mounded UST's using a liquid tight connection between the delivery vehicle and the tank. This method does not apply to underground storage tanks below the liquid level of the delivery truck.

(2) – This method applies to UST's with US or European suction piping with air eliminators.

(3) – This method applies to delivery of product using any method other than one using a liquid tight connection between the delivery vehicle and the tank.